

09/846589  
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 17:30:41 ON 11 FEB 2003

L1 88844 S CYSTEIN?  
L2 155 S L1 (5W) TRNA (5W) (LIGASE OR SYNTHETASE OR SYNTHASE)  
L3 4 S L2 AND REVIEW/DT  
L4 0 S L2 AND (ZEA (2W) MAYS)  
L5 1 S L2 AND CORN  
L6 3 S L2 AND PLANT

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:920003 CAPLUS  
TI Aminoacyl-tRNA synthetases: versatile players in the changing theater of translation  
✓ AU Francklyn, Christopher; Perona, John J.; Puetz, Joern; Hou, Ya-Ming  
SO RNA (2002), 8(11), 1363-1372

L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:213040 CAPLUS  
TI CysteinyI-tRNA formation and prolyl-tRNA synthetase  
✓ AU Jacquin-Becker, Clarisse; Ahel, Ivan; Ambrogelly, Alexandre; Ruan, Benfang; Soll, Dieter; Stathopoulos, Constantinos  
SO FEBS Letters (2002), 514(1), 34-36

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 2000:73894 CAPLUS  
✓ TI Perspectives: Protein synthesis: Unraveling the riddle of ProCys tRNA synthetase  
AU Yarus, Michael  
SO Science (Washington, D. C.) (2000), 287(5452), 440-441

L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 1998:295171 CAPLUS  
TI Aminoacyl-tRNA synthesis in Archaea  
AU Ibba, Michael; Celic, Ivana; Curnow, Alan; Kim, Hyun-soo; Pelaschier, Joanne; Tumbula, Debra; Vothknecht, Ute; Woese, Carl; Soll, Dieter  
SO Nucleic Acids Symposium Series (1997), 37(Symposium on Nucleic Acids Chemistry, 1997), 305-306

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:483953 CAPLUS  
TI Cloning and sequencing of plant aminoacyl-tRNA synthetases and construction and expression of a chimeric gene  
IN Famodu, Layo O.; Orozco, Emil M., Jr.; Rafalski, J. Antoni  
PATENT NO. KIND DATE APPLICATION NO. DATE  
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PI US 6255090 B1 20010703 US 1999-352990 19990714  
PRAI US 1998-92866P P 19980715

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:634531 CAPLUS  
 TI Analysis of the chromosome sequence of the legume symbiont *Sinorhizobium meliloti* strain 1021  
 AU Capela, Delphine; Barloy-Hubler, Frederique; Gouzy, Jerome; Bothe, Gordana; Ampe, Frederic; Batut, Jacques; Boistard, Pierre; Becker, Anke; Boutry, Marc; Cadieu, Edouard; Dreano, Stephane; Gloux, Stephanie; Godrie, Therese; Goffeau, Andre; Kahn, Daniel; Kiss, Erno; Lelaure, Valerie; Masuy, David; Pohl, Thomas; Portetelle, Daniel; Puhler, Alfred; Purnelle, Benedicte; Ramsperger, Ulf; Renard, Clotilde; Thebault, Patricia; Vandenbol, Micheline; Weidner, Stefan; Galibert, Francis  
 SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(17), 9877-9882

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:483953 CAPLUS  
 TI Cloning and sequencing of plant aminoacyl-tRNA synthetases and construction and expression of a chimeric gene  
 IN Famodu, Layo O.; Orozco, Emil M., Jr.; Rafalski, J. Antoni  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6255090	B1	20010703	US 1999-352990	19990714
US 1998-92866P	P	19980715		

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS  
 AN 2000:445674 CAPLUS  
 TI Duplication and quadruplication of *Arabidopsis thaliana* cysteinyl - and asparaginyl-tRNA synthetase genes of organellar origin  
 AU Peeters, Nemo M.; Chapron, Anne; Giritch, Anatoli; Grandjean, Olivier; Lancelin, Dominique; Lhomme, Tatiana; Vivrel, Arnaud; Small, Ian  
 SO Journal of Molecular Evolution (2000), 50(5), 413-423